

Suitcase with vertical extension of suitcase body

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Abstract of CN 2566676 (Y)

The utility model relates to a suitcase with a vertical expansion suitcase body, which comprises the suitcase body, rollers, a foot rack, an expansion interlayer provided with a zipper, and a positioning combine base with a telescopic draw rod group; the combine base with arrangement holes is arranged at the top surface of the suitcase body; one to two object placement openings with zippers are arranged at the front part; the expansion sandwich and a suitcase bottom are parallelly arranged on the suitcase body. The telescopic draw rod group is composed of a telescopic draw tubes, an outer connection tube, a grip, a clamping device and a press button; the outer connection tube is provided with a plurality of clamping holes; the outer connection tube is formed into a slide connection with telescopic pull rod in which the clamping device is arranged; the lower end is fixedly connected at the inner wall of the suitcase body; the grip is connected to the top part of the telescopic draw tube, and the grip is provided with the press button linked with the clamping device; a sleeve tube forming a movable sliding and sheathing with the outer connection tube is arranged at the lower part of the positioning combination base; the clamping device controlled by the press button is arranged at the outer wall of the sleeve tube. Thus, the length of the expansion rod can be adjusted by operating the press button on the grip and the telescopic draw rod which are matched; the expansion and shortening of the suitcase body by operating the press button on the combination base and pulling and pressing the combination base; the utility model has the advantages of convenient operation and stable suitcase body.

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[12] 实用新型专利说明书

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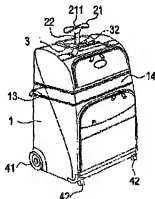
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[54] 实用新型名称 直立扩张箱体的旅行箱

[57] 摘要

一种直立扩张箱体的旅行箱，包括箱体、滚轮和脚架、设有拉链的扩张夹层和设有伸缩拉杆组的定位结合座；箱体顶面设有设置孔的结合座，前方设有 1 至 2 个带拉链的置物开口，扩张夹层与箱底平行地设在箱体上。伸缩拉杆组由伸缩拉管、外接管、握柄、卡掣装置和压钮组成，外接管设有数个卡孔，它与内设有卡掣装置的伸缩拉管成可滑动套接，而其下端固接在箱体内壁；伸缩拉管顶部接有握把，握把上设有与卡掣装置联动的压钮，定位结合座下部设有与外接管成滑动套接的套管，套管外壁设有受控于压钮的卡掣装置。故只需配合操作握把上的压钮和伸缩拉杆即可调节伸缩杆的长度；操作结合座上的压钮并拉压结合座即可扩、缩箱体，操作方便、箱体平稳。



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说明书

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直立扩张箱体的旅行箱

技术领域

本实用新型涉及一种旅行箱,尤其涉及一种直立扩张箱体的旅行箱。

背景技术

目前,一般使用者外出游玩或出国旅游时均会携带一个或多个旅行箱,如图1A及图1B所示,该旅行箱5能置放很多使用者的衣物、生活物品。现有的旅行箱5大多由一伸缩拉杆组51、一箱体52、一盖体53、一滚轮54以及一脚架55组成;该伸缩拉杆组51采用铆钉或其它紧固方式将伸缩拉杆组51固定于箱体5外缘后侧,另在该箱体52底部后侧的两端点各装设有滚轮54,而箱体52底部前侧的两端点各装设有一脚架55,所述箱体52内侧设置有一隔板,其中箱体52隔板的一侧与盖体53下缘相结合,而箱体52隔板上缘采用一拉链56将箱体52和盖体52密合或开启,当该箱体52欲收纳更多物品或衣物时,在盖体52周围设置有一夹层拉链531以将夹层展开。

然而现有的旅行箱5在夹层展开之后,虽然旅行箱5的内置空间增加了,但因箱体52底部的滚轮54和脚架55固定在箱体52底部的四个端角,其脚架55无法跟着盖体53夹层的扩展而移动至盖体53底部的前侧两端点,因此现有的旅行箱5一旦内置空间扩展后,旅行箱5重心必然前移动,当该旅行箱5在静止置放时,常常会因重心位移而倾倒,使旅行箱5无法保持平衡。

发明内容

为了克服现有的旅行箱因结构不完善而存在的上述缺点,本实用新型提供一种直立扩张箱体的旅行箱,使其在夹层扩展后静置直立时仍能保持稳定。

本实用新型解决其技术问题所采用的技术方案是:

一种直立扩张箱体的旅行箱,包括有盛物箱体、装在箱体底面的滚轮和脚架、可伸缩拉杆组、设有拉链的扩展夹层;其特征在于,所述箱体,其上方设有一朝上的设置孔,设置孔上固接有中心设有伸缩管穿过的设置孔的定位结合座,其前方设有1至2个周边有拉链的开口;所述设有拉链的扩展夹层与箱体底面相平行地设置在箱体上;所述夹层拉链与可伸缩拉杆组的伸缩